

**WHAT IS CLAIMED IS:**

1. An automated data processing method for obtaining clinical data for safety, efficacy, and adverse event assessments pertaining to a therapy prescribed for the treatment of a malady, said method comprising the steps of:

receiving at a location remote from a plurality of patients' outcome digital information pertaining to the outcome of therapies performed on said patients;

digitally processing said digital outcome information to determine an adverse event profile associated with a particular therapy;

digitally processing said outcome information to determine the efficacy of such therapy in the amelioration or cure of the malady treated; and

digitally comparing said adverse event profile with said efficacy to determine a safety profile for said particular therapy.

2. The method according to claim 1 optionally including steps for assessing the pharmaco-economics of said therapy, said steps comprising:

obtaining digital data pertaining to the cost of said therapy; and

digitally comparing said efficacy of said therapy with said cost of said therapy.

3. The method of claim 1 wherein said therapy is a pharmacointervention.

4. The method of claim 1 wherein said therapy is a non-drug associated intervention.

5. The method of claim 1 wherein the outcome digital data includes remote disease management data.

6. The method of claim 1 wherein said adverse event profile is transmitted to a regulatory agency responsible for monitoring such adverse events.

7. The method of claim 1 wherein said efficacy data is transmitted to a regulatory agency responsible for monitoring the effectiveness of therapies.

8. The method of claim 1 wherein said efficacy data is transmitted to an insurance company.

9. A clinical management method in a computer system for the efficient delivery of medications to a patient ordered and keeping track of samples pursuant to an electronic prescription by a caregiver for such patient, said method comprising the steps of:

determining the number of samples provided to said patient of each of said medication(s) prescribed for said patient;

determining the treatment-time made possible by the number of samples provided to said patient;

determining the amount of medication(s) needed by said patient to complete a therapy round specified in said electronic prescription;

determining which of a plurality of dispensaries is optimal for delivery of said medications to said patient based on at least one of: the location of said dispensary, the cost of said medication at each dispensary, or the stock of said medications at each of said dispensaries; and

causing said optimal dispensary(ies) to deliver said medication in an amount needed by said patient to complete a therapy round to said patient pursuant to said electronic prescription.

10. The method according to claim 9, wherein at least one of said dispensaries is a wholesaler of medications.

11. The method according to claim 9, wherein at least one of said dispensaries is a pharmaceutical manufacturer.

12. The method according to claim 9, wherein at least one of said dispensaries is a pharmacy.

13. The method according to claim 9 wherein said medications are delivered from to said patient from said dispensary(ies) by mail.

14. The method according to claim 9 wherein any refills for said medications specified in the electronic prescription are automatically filled and delivered to said patient when said refill is due based on the instructions incorporated in said electronic prescription and/or based on conventional medical practice.

15. The method according to claim 9 further comprising the steps of:

contacting the patient's prescription insurance carrier in respect to said prescription;  
and

calculating any co-pay due on filling of medication needed for a therapy round.